

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: November 2, 1999, 04:12:54 ; Search time 33.69 Seconds  
(without alignments)

64.853 Million cell updates/sec

Title: US-08-978-217-14

Perfect score: 21

Sequence: 1 GTACCTCATGCGCCGCTCAG 21

Scoring table: IDENTITY\_NUC

Searched: 192659 seqs, 52021692 residues

Database : Issued\_Patents\_NA:\*  
1: /cgn2\_6/ptodata/1/ina/5A.COMB.seq:\*  
2: /cgn2\_6/ptodata/1/ina/5B.COMB.seq:\*  
3: /cgn2\_6/ptodata/1/ina/5C.COMB.seq:\*  
4: /cgn2\_6/ptodata/1/ina/5D.COMB.seq:\*  
5: /cgn2\_6/ptodata/1/ina/PTUS9.COMB.seq:\*  
6: /cgn2\_6/ptodata/1/ina/Dackfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	21	100.0	1920	3	US-08-746-789A-1
2	16.4	78.1	5502	5	PCT-US95-02251-17
3	16.2	77.1	2266	4	US-09-213-767-1
4	15.2	72.4	2667	4	US-08-469-412A-1
5	15.2	72.4	2484	4	US-08-209-521-8
6	14.6	69.5	1402	3	US-08-447-965A-1
7	14.4	68.6	1246	1	US-08-097-828-2
8	14.4	68.6	3969	1	US-08-026-138E-16
9	14.4	68.6	1246	2	US-08-480-756-2
10	14.4	68.6	1246	3	US-08-462-403-2
11	14.4	68.6	1246	5	PCT-US92-00331-2
12	14.4	68.6	1246	5	PCT-US93-10419-2
13	14.2	67.6	2682	1	US-07-971-819A-1
14	14.2	67.6	9511	1	US-07-925-695-6
15	14.2	67.6	9511	1	US-07-925-695-7
16	14.2	67.6	2682	1	US-07-977-434-3
17	14.2	67.6	1412	1	US-08-097-831-1
18	14.2	67.6	2682	1	US-08-475-231-1
19	14.2	67.6	423	1	US-08-470-179-160
20	14.2	67.6	348	2	US-08-519-777-13
21	14.2	67.6	348	2	US-08-742-035-13
22	14.2	67.6	12847	2	US-08-550-715-1
23	14.2	67.6	2682	3	US-08-458-819-3
24	14.2	67.6	348	3	US-08-777-019-13
25	14.2	67.6	348	3	US-08-777-143-13
26	14.2	67.6	2544	3	US-08-469-412A-6
27	14.2	67.6	2682	5	PCT-US91-07035-3
28	13.8	65.7	1235	1	US-08-095-726-13
29	13.8	65.7	1235	1	US-08-095-726-15
30	13.8	65.7	1235	2	US-08-096-623A-13
31	13.8	65.7	1235	2	US-08-096-623A-15
32	13.8	65.7	6306	2	US-08-466-390-3
33	13.8	65.7	6306	2	US-08-393-985-11
34	13.8	65.7	6306	2	US-08-470-950-3
35	13.8	65.7	2733	2	US-08-676-967-3
36	13.8	65.7	2733	3	US-08-676-974-3
37	13.8	65.7	3046	3	US-08-726-725-1

C 38	13.8	65.7	4371	3	US-08-803-973-1	Sequence 1, Appl
C 39	13.8	65.7	2022	3	US-08-803-973-6	Sequence 6, Appl
C 40	13.8	65.7	2124	3	US-08-803-973-11	Sequence 11, Appl
C 41	13.8	65.7	6306	3	US-08-467-781-3	Sequence 3, Appl
C 42	13.8	65.7	6306	3	US-08-195-487-3	Sequence 3, Appl
C 43	13.8	65.7	4371	3	US-08-803-972-1	Sequence 1, Appl
C 44	13.8	65.7	2022	3	US-08-803-972-6	Sequence 6, Appl
C 45	13.8	65.7	2124	3	US-08-803-972-11	Sequence 11, Appl

## ALIGNMENTS

```

RESULT 1
US-08-746-789A-1/c
; Sequence 1, Application US/08746789A
; Patent No. 5789200
; GENERAL INFORMATION:
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Smithline Beecham Corporation
; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,789A
; FILING DATE: No. 5789200el December 15, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: ATG 50024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5219
; TELEFAX: 610 270 4026
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1920
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
; US-08-746-789A-1

Query Match 100.0% Score 21; DB 3; Length 1920;
Best Local Similarity 100.0% Pred. No. 0.082;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTACCTCATGCGCCGCTCAG 21
DB 1119 GTACCTCATGCGCCGCTCAG 1099

RESULT 2
PCT-US95-02251-17/c
; Sequence 17, Application PC/TUS9502251
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING BONE
; TITLE OF INVENTION: CELLS

```

NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
SOFTWARE: Patent Release #1.0, Version  
SOFTWARE: #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/02251  
FILING DATE: CONCURRENTLY HERewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/316,650  
FILING DATE: 30-SEP-1994  
CLASSIFICATION:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 18-FEB-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: UMIC009P--  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (713) 789-2679  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5502 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..5502  
PCT-US95-02251-17

Query Match 78.1%; Score 16.4; DB 5; Length 5502;  
Best Local Similarity 94.4%; Pred. No. 12;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3 ACCTCATGCCCCGGCTCA 20  
||||| |||||||  
DB 3158 ACCTCATGCCCCGGCTCA 3141

RESULT 3  
US-09-213-767-1/c  
Sequence 1, Application US/09213767  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION  
FILE REFERENCE: RTS-0024  
CURRENT APPLICATION NUMBER: US/09/213,767  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 47  
SEQ ID NO 1  
LENGTH: 2266  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:

NAME/KEY: CDS  
LOCATION: (316)..(1602)  
US-09-213-767-1

Query Match 77.1%; Score 16.2; DB 4; Length 2266;  
Best Local Similarity 85.7%; Pred. No. 15;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGCCCCGGCTCAG 21  
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DB 513 GTACCGCAAGCCCCGGCTGAG 493

RESULT 4  
US-08-469-412A-1/c  
Sequence 1, Application US/08469412A  
Patent No. 5856125  
GENERAL INFORMATION:  
APPLICANT: Mavrothalassitis, George J.  
APPLICANT: Blair, Donald G.  
APPLICANT: Fisher, Robert J.  
APPLICANT: Beal Jr., Gregory J.  
APPLICANT: Athanasios, Maropli A.  
TITLE OF INVENTION: The ERF Genetic Locus and Its Products  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,412A  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Garrett-Mackowski, Eugenia  
REGISTRATION NUMBER: 37,330  
REFERENCE/DOCKET NUMBER: 015280-229000  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2667 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 123..1769  
OTHER INFORMATION: /note= "human ERF (ETS2 Repressor  
OTHER INFORMATION: Factor) cDNA"  
US-08-469-412A-1

Query Match 72.4%; Score 15.2; DB 3; Length 2667;  
Best Local Similarity 85.0%; Pred. No. 43;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2 TACCTCATGCCCCGGCTCAG 21  
||||| |||||||  
DB 382 TACCGCAGGCCCCGGCTCAG 363

RESULT 5  
US-08-209-521-8/c  
Sequence 8, Application US/08209521  
Patent No. 5922855  
GENERAL INFORMATION:  
APPLICANT: Liskay, Robert M.  
APPLICANT: Bronner, C. Eric  
APPLICANT: Baker, Sean M.  
APPLICANT: Bollag, Roni J.  
APPLICANT: Kolodner, Richard D.  
TITLE OF INVENTION: MAMMALIAN DNA MISMATCH REPAIR GENES  
TITLE OF INVENTION: hMLH1 AND hPMS1  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack &  
ADDRESSEE: Heuser  
STREET: 520 S.W. Yamhill, Suite 200  
CITY: Portland  
STATE: Oregon  
COUNTRY: US  
ZIP: 97204  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/209,521  
FILING DATE: 08-MAR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Van Rysselberghe, Pierre C.  
REGISTRATION NUMBER: 33,557  
REFERENCE/DOCKET NUMBER: OHSU 306A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (503) 224-6655  
TELEFAX: (503) 295-6679  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2484 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
POSITION IN GENOME:  
MAP POSITION: 3p21.3-23  
US-08-209-521-8

Query Match 72.4%; Score 15.2; DB 4; Length 2484;  
Best Local Similarity 85.0%; Pred. No. 43;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 GTACCTCATGCCCCGCTCA 20  
DB 1582 GAACCTCATGCTCCCTGCTCA 1563

RESULT 6  
US-08-447-965A-1/c  
Sequence 1, Application US/08447965A  
Patent No. 5776692  
GENERAL INFORMATION:  
APPLICANT: El-Zaatari, Fouad A.K.  
APPLICANT: Naser, Saleh  
APPLICANT: Graham, David Y.  
TITLE OF INVENTION: Mycobacterial Genus-Specific DNA Probe  
TITLE OF INVENTION: and its Expressed Product  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fulbright & Jaworski L.L.P.  
STREET: 801 Pennsylvania Ave. N.W.

CITY: Washington, D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/447,965A  
FILING DATE: 23-MAY-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Davis, Peter J.  
REGISTRATION NUMBER: 36,119  
REFERENCE/DOCKET NUMBER: 311.019  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-662-4669  
TELEFAX: 202-662-4643  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1402 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
US-08-447-965A-1

Query Match 69.5%; Score 14.6; DB 3; Length 1402;  
Best Local Similarity 81.0%; Pred. No. 81;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 GTACCTCATGCCCCGCTCAG 21  
DB 1005 GGACCTGATGCCCGCTCGG 985

RESULT 7  
US-08-097-828-2  
Sequence 2, Application US/08097828  
Patent No. 5464757  
GENERAL INFORMATION:  
APPLICANT: Potter, Ellen  
APPLICANT: Behan, Dominic P.  
APPLICANT: Fischer, Wolfgang H.  
APPLICANT: Linton, Elizabeth A.  
APPLICANT: Lowy, Philip J.  
APPLICANT: Vale Jr., Wylie W.  
TITLE OF INVENTION: DNA Encoding CRF Binding Protein  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitch, Even, Tabin & Flannery  
STREET: 135 South LaSalle Street, Suite 900  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60603  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/097,828  
FILING DATE: 19930723  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/641,341  
FILING DATE: 15-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/967,683

FILED DATE: 26-OCT-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Schumann, James J.  
REGISTRATION NUMBER: 20,856  
REFERENCE/DOCKET NUMBER: 54426  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619)552-1311  
TELEFAX: (619)552-0095  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1246 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 45..1013  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 117..320  
US-08-097-828-2

Query Match 68.6%; Score 14.4; DB 1; Length 1246;  
Best Local Similarity 93.8%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 TCATGCCCGGCTCAG 21  
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DB 845 TCATGCCCGGCTCAG 860

RESULT 8  
US-08-026-138E-16/c.  
Sequence 16, Application US/08026138E  
Patent No. 5502166  
GENERAL INFORMATION:  
APPLICANT: Masayoshi MISHINA  
TITLE OF INVENTION: NOVEL PROTEINS AND GENES CODING THE SAME  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Mishiohata Residence 1-107  
STREET: 5214, Mishiohata-machi  
CITY: Niigata-shi  
STATE: Niigata-ken  
COUNTRY: JAPAN  
ZIP: 951  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS v.5  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/026,138E  
FILING DATE: 26-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 39563/1992  
FILING DATE: 26-FEB-1992  
APPLICATION NUMBER: JP 173155/1992  
FILING DATE: 30-JUN-1992  
APPLICATION NUMBER: JP 215017/1992  
FILING DATE: 12-AUG-1992  
APPLICATION NUMBER: JP 303878/1992  
FILING DATE: 13-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Hamburg, C. Bruce  
REGISTRATION NUMBER: 22,389  
REFERENCE/DOCKET NUMBER: F-4551  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 986-2340  
TELEFAX: (212) 953-7733  
INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:  
LENGTH: 3969 nucleic acids  
TYPE: nucleic acid  
STRANDEDNESS: double strand  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
ORIGINAL SOURCE:  
ORGANISM: mouse  
TISSUE TYPE: brain  
PUBLICATION INFORMATION:  
AUTHORS: Masayoshi MISHINA  
TITLE: NOVEL PROTEINS AND GENES CODING THE SAME  
RELEVANT RESIDUES IN SEQ ID NO: 16: FROM 1 to 3969  
US-08-026-138E-16

Query Match 68.6%; Score 14.4; DB 1; Length 3969;  
Best Local Similarity 93.8%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 6 TCATGCCCGGCTCAG 21  
|||||  
DB 1031 TCATGCCCGGCTCAG 1016

RESULT 9  
US-08-480-756-2  
Sequence 2, Application US/08480756  
Patent No. 5733790  
GENERAL INFORMATION:  
APPLICANT: Potter, Ellen  
APPLICANT: Benan, Dominic P.  
APPLICANT: Linton, Elizabeth A.  
APPLICANT: Lowry, Philip J.  
APPLICANT: Vale Jr., Wylie W.  
TITLE OF INVENTION: CRF BINDING PROTEIN ANTIBODIES AND  
NUMBER OF SEQUENCES: 7  
TITLE OF INVENTION: ASSAYS USING SAME  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitch, Even, Tabin & Flannery  
STREET: 135 South Lasalle Street, Suite 900  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60603  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,756  
FILING DATE:  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/641,341  
FILING DATE: 15-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/967,683  
FILING DATE: 26-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/097,828  
FILING DATE: 23-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Schumann, James J.  
REGISTRATION NUMBER: 20,856  
REFERENCE/DOCKET NUMBER: 56508  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-552-1311  
TELEFAX: 619-552-0095  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1246 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 45..1013  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 117..320  
US-08-480-756-2

Query Match 68.6%; Score 14.4; DB 2; Length 1246;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCCCGGCTCAG 21  
|||||  
DB 845 TCATGCCCGGCTCAG 860

RESULT 10  
US-08-462-403-2  
Sequence 2, Application US/08462403  
Patent No. 5844080  
GENERAL INFORMATION:  
APPLICANT: Potter, Ellen  
APPLICANT: Behan, Dominic P.  
APPLICANT: Fischer, Wolfgang H.  
APPLICANT: Linton, Elizabeth A.  
APPLICANT: Lowry, Philip J.  
APPLICANT: Vale Jr., Wylie W.  
TITLE OF INVENTION: DNA Encoding CRF Binding Protein  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitch, Even, Tabin & Flannery  
STREET: 135 South LaSalle Street, Suite 900  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60603  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/462,403  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/097,828  
FILING DATE: 23-JUL-1993  
APPLICATION NUMBER: US 07/641,341  
FILING DATE: 15-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/967,683  
FILING DATE: 26-OCT-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Schumann, James J.  
REGISTRATION NUMBER: 20,856  
REFERENCE/DOCKET NUMBER: 54426  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619)552-1311  
TELEFAX: (619)552-0095  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1246 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA

FEATURE:  
NAME/KEY: CDS  
LOCATION: 45..1013  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 117..320  
US-08-462-403-2

Query Match 68.6%; Score 14.4; DB 3; Length 1246;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCCCGGCTCAG 21  
|||||  
DB 845 TCATGCCCGGCTCAG 860

RESULT 11  
PCT-US92-00331-2  
Sequence 2, Application PC/TUS9200331  
GENERAL INFORMATION:  
APPLICANT: Potter, Ellen  
APPLICANT: Behan, Dominic P.  
APPLICANT: Fischer, Wolfgang H.  
APPLICANT: Linton, Elizabeth A.  
APPLICANT: Lowry, Philip J.  
APPLICANT: Vale Jr., Wylie W.  
TITLE OF INVENTION: CRF Binding Protein  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fitch, Even, Tabin & Flannery  
STREET: 135 South LaSalle Street, Suite 900  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60603  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.24  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/00331  
FILING DATE: 19920113  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/641,341  
FILING DATE: 15-JAN-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Watt, Phillip H.  
REGISTRATION NUMBER: 25,939  
REFERENCE/DOCKET NUMBER: 50843PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)372-7842  
TELEFAX: (312)372-7848  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1248 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 47..1015  
OTHER INFORMATION:  
NAME/KEY: mat\_peptide  
LOCATION: 119..322  
OTHER INFORMATION:  
PCT-US92-00331-2

Query Match 68.6%; Score 14.4; DB 5; Length 1248;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCGCCGCGCTCAG 21  
DB 847 TCATGCGCCGCGCCAG 862

RESULT 12  
PCT-US93-10419-2  
Sequence 2, Application PC/TUS9310419  
GENERAL INFORMATION:

APPLICANT:  
TITLE OF INVENTION: CRF Binding Protein  
NUMBER OF SEQUENCES: 6  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/10419  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/097,828  
FILING DATE: 23-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/967,683  
FILING DATE: 26-OCT-1992  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1246 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
FEATURE:

NAME/KEY: CDS  
LOCATION: 45..1013  
FEATURE:  
NAME/KEY: mat-peptide  
LOCATION: 117..320  
PCT-US93-10419-2

Query Match 68.6%; Score 14.4; DB 5; Length 1246;  
Best Local Similarity 93.8%; Pred. No. 1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 6 TCATGCGCCGCGCTCAG 21  
DB 845 TCATGCGCCGCGCCAG 860

RESULT 13  
US-07-971-819A-1  
Sequence 1, Application US/07971819A  
Patent No. 5420029  
GENERAL INFORMATION:

APPLICANT: Gelfand, David H.  
APPLICANT: Lawyer, Frances C.  
APPLICANT: Stoffel, Susanne  
TITLE OF INVENTION: Purified Thermostable Nucleic Acid  
TITLE OF INVENTION: Polymerase Enzyme from Thermotoga Maritima  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley

STATE: New Jersey  
COUNTRY: USA  
ZIP: 07110-1199  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage  
COMPUTER: Apple Macintosh  
OPERATING SYSTEM: Macintosh 7  
SOFTWARE: WordPerfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,819A  
FILING DATE: 19930203  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Stacey R. Stas, Ph.D.  
REGISTRATION NUMBER: 32,630  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2863  
TELEFAX: (510) 814-2977  
TELEX:

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2682 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..2682  
US-07-971-819A-1

Query Match 67.6%; Score 14.2; DB 1; Length 2682;  
Best Local Similarity 84.2%; Pred. No. 1.3e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3 ACCTCATGCGCCGCGCTCAG 21  
DB 2384 ACCTCATGCGCCGCGACAG 2402

RESULT 14  
US-07-925-695-6/c  
Sequence 6, Application US/07925695  
Patent No. 5428145  
GENERAL INFORMATION:  
APPLICANT: OKAMOTO, Hiroaki  
TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME,  
TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND  
TITLE OF INVENTION: DETECTION SYSTEMS  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Beveridge, Degrandi, Wellacher & Young  
STREET: 1850 M Street, N.W., Suite 800  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/925,695  
FILING DATE: 19920807  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 287402/91  
FILING DATE: 09-AUG-1991  
PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: JP 360441/91
; FILING DATE: 05-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEEX: WUI 64470
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9511 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-925-695-6

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Query Match      67.6%; Score 14.2; DB 1; Length 9511;
Best Local Similarity 76.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

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QY 1 GTACTCATGGCCGGCTCAG 21
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Db 6864 GTACTTCGCTGCCGCTCAG 6844

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# RESULT 15

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US-07-925-695-7/c
; Sequence 7, Application US/07925695
; Patent No. 5428145
; GENERAL INFORMATION:

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; APPLICANT: OKAMOTO, Hiroaki
; TITLE OF INVENTION: NON-A, NON-B HEPATITIS VIRUS GENOME,
; TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES, ANTIGEN, ANTIBODY AND
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Beveridge, Degrandi, Wellacher & Young
; STREET: 1850 M Street, N.W., Suite 800
; CITY: Washington
; STATE: D.C.
; COUNTRY: US

```

```

; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/925,695
; FILING DATE: 19920807

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```

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 287402/91
; FILING DATE: 09-AUG-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 360441/91
; FILING DATE: 05-DEC-1991

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Wellacher, Robert G.
; REGISTRATION NUMBER: 20,531
; REFERENCE/DOCKET NUMBER: 06/87-48009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2811
; TELEFAX: (202) 659-1462
; TELEEX: WUI 64470

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```

; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9511 base pairs
; TYPE: NUCLEIC ACID

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; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-925-695-7

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Query Match      67.6%; Score 14.2; DB 1; Length 9511;
Best Local Similarity 76.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

```

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QY 1 GTACTCATGGCCGGCTCAG 21
    ||||:| | | |||||
Db 6864 GTACTTCGCTGCCGCTCAG 6844

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Search completed: November 2, 1999, 04:12:55
Job time: 2504 sec

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